

Recombinant Human ACOT4 protein, His-tagged

Cat. No. ACOT4-2864H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACOT4 protein(2-225 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-225 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence

NNMDNISLEYFEEAVCYMLQHPQVKGP GIGLLGISLGADICLSMASFLKNVSATVSIN
 GSGISGNTAINYKHSSIPPLGYDLRRIKVAFSGLV D I R N A L V G G Y K N P S M I P I E K A Q
 GPILLIVGQDDHNWRSELYAQT V S E R L Q A H G K E K P Q I I C Y P G T G H Y I E P P Y F P L C P A S
 LHRLLNKHVIWGGEPRAHKAQEDAWKQILAFFCKHLGGTQKTAVPKL

GENE INFORMATION

Gene Name [ACOT4 acyl-CoA thioesterase 4 \[Homo sapiens \]](#)

Official Symbol [ACOT4](#)

Synonyms PTE1B; PTE2B; PTE-Ib

Gene ID [122970](#)

mRNA Refseq [NM_152331.3](#)

Protein Refseq [NP_689544.3](#)

MIM [614314](#)

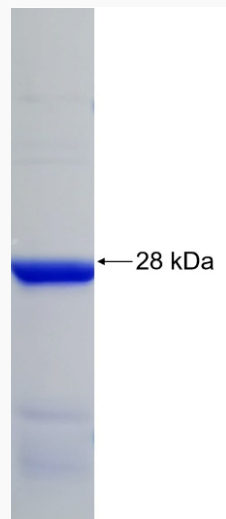
UniProt ID [Q8N9L9](#)

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SDS-PAGE



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